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Microbiological prodn. of human serum albumin - by culturing yeast contg.  
the HSA structural gene

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Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2635115	A	19900209	FR 88635115	A	19880805	199013 B
ZA 8905821	A	19901031	ZA 895821	A	19890731	199048
JP 2276589	A	19901113	JP 89202715	A	19890804	199051
EP 361991	A3	19921014	EP 89402217	A	19890804	199340
DE 68929115	E	20000120	DE 629115	A	19890804	200011
			EP 89402217	A	19890804	
JP 3068139	B2	20000724	JP 89202715	A	19890804	200040

Priority Applications (No Type Date): FR 8810615 A 19880805; FR 88635115 A  
19880805; FR 898897 A 19890703

Cited Patents: 6.Jnl.Ref; EP 241435; EP 258067; EP 301670; EP 308381; EP  
319641; EP 79739

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2635115	A		71		
DE 68929115	E			C12P-021/02	Based on patent EP 361991
JP 3068139	B2		71	C12N-015/09	Previous Publ. patent JP 2276589

Abstract (Basic): FR 2635115 A

Prodn. of human serum albumin (HSA) is effected by culturing a  
yeast contg. an expression cassette comprising at least one selection  
marker together with DNA of the HSA structural gene fused to an  
expression promoter sequence and opt. a signal sequence for excretion  
of the HSA into the culture medium.

Also claimed are plasmids p7G19, p7G23, pKan-707 and pCXJ1, the  
yeast strain Kluyveromyces marxianus var. lactis MW98-8C, and the  
MW98-8C strain transformed with p7G19 or p7G23.

USE - HSA is used e.g. in the mfr. of blood extenders.

Dwg.o.0/30

Title Terms: MICROBIOLOGICAL; PRODUCE; HUMAN; SERUM; ALBUMIN; CULTURE;  
YEAST; CONTAIN; STRUCTURE; GENE

Derwent Class: B04; D16

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International Patent Class (Additional): A61K-037/02; A61K-038/00;  
C07K-013/00; C07K-014/765; C07K-015/06; C12D-000/00; C12N-001/19;  
C12N-015/00; C12N-015/14; C12N-015/62; C12N-015/81; C12P-021/00;  
C12R-001/85; C12P-021/02; C12R-001-865; C12R-001-645

File Segment: CPI

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